



32701.ST25.txt
SEQUENCE LISTING

<110> NOVARTIS.

<120> Diagnostic method

<130> US 60/413,709

<140> US 60/413,709

<141> 2002-09-26

<160> 62

<170> PatentIn version 3.1

<210> 1

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation
G1388A

<400> 1
ggacaaagaa ttga

14

<210> 2

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation
G1388T

<400> 2
ggacaaagaa ttgt 14

<210> 3

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394C

<400> 3
agaattggat ctgc 14

<210> 4

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation
G1394A

<400> 4
agaattggat ctga 14

<210> 5

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394T

<400> 5
agaattggat ctgt

14

<210> 6

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1403C

<400> 6
tctggatcat ttgc

14

<210> 7

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1403A

<400> 7
tctggatcat ttga

14

<210> 8

<211> 14

<212> DNA

<213> Artificial

32701.ST25.txt

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1753A

<400> 8

tatatttctt cata

14

<210> 9

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1782G

<400> 9

aaataggtga tttg

14

<210> 10

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1783C

<400> 10

aatagtgat tttc

14

<210> 11

<211> 14

<212> DNA

<213> Artificial

32701.ST25.txt

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation C
1786G

<400> 11

aggtgatttt ggtg

14

<210> 12

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1787G

<400> 12

ggtgattttg gtcg

14

<210> 13

<211> 14

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1796A

<400> 13

ggtctagcta caga

14

<210> 14

<211> 14

<212> DNA

<213> artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
G1796-97AT

<400> 14
gtctagctac agat

14

<210> 15

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1388A

<400> 15
tgggacaaag aattga

16

<210> 16

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1388T

<400> 16
tgggacaaag aattgt

16

<210> 17

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394C

<400> 17
aaagaattgg atctgc

16

<210> 18

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394A

<400> 18
aaagaattgg atctga

16

<210> 19

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394T

<400> 19
aaagaattgg atctgt

16

<210> 20

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1403C

<400> 20

gatctggatc atttgc

16

<210> 21

<211> 16

<212> DNA

<213> artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1403A

<400> 21

gatctggatc atttga

16

<210> 22

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1753A

<400> 22

aatatatttc ttcata

16

<210> 23

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1782G

<400> 23

aaaaataggt gatttg

16

<210> 24

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1783C

<400> 24

aaaataggtg attttc

16

<210> 25

<211> 16

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation C
1786G

<400> 25

ataggtgatt ttggtg

16

<210> 26
 <211> 16
 <212> DNA
 <213> Artificial

 <220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 1787G

 <400> 26
 taggtgattt tggtcg 16

 <210> 27
 <211> 16
 <212> DNA
 <213> Artificial

 <220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 1796A

 <400> 27
 ttggtctagc tacaga 16

 <210> 28
 <211> 16
 <212> DNA
 <213> Artificial

 <220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 G1796-97AT

<400> 28
tggtctagct acagat

16

<210> 29

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1388A

<400> 29
acagtgggac aaagaattga

20

<210> 30

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1388T

<400> 30
acagtgggac aaagaattgt

20

<210> 31

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394C

32701.ST25.txt

<400> 31
ggacaaagaa ttggatctgc 20

<210> 32

<211> 20

<212> DNA

<213> artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394A

<400> 32
ggacaaagaa ttggatctga 20

<210> 33

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1394T

<400> 33
ggacaaagaa ttggatctgt 20

<210> 34

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
Page 12

1403C

<400> 34
attggatctg gatcatttgc 20

<210> 35

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1403A

<400> 35
attggatctg gatcatttga 20

<210> 36

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1753A

<400> 36
gagtaataat atatttcttc ata 23

<210> 37

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

32701.ST25.txt

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1782G

<400> 37
cagtaaaaat aggtgatttg 20

<210> 38

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1783C

<400> 38
cagtaaaaat aggtgatttt c 21

<210> 39

<211> 22

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation C
1786G

<400> 39
gtaaaaatag gtgattttgg tg 22

<210> 40

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1787G

<400> 40
gtaaaaatag gtgatttttg tcg

23

<210> 41

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1796A

<400> 41
gattttgggc tagctacaga

20

<210> 42

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
G1796-97AT

<400> 42
gattttgggc tagctacaga t

21

<210> 43

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G138
8A

<400> 43

tgtcaccaca ttacatactt acc

23

<210> 44

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G138
8T

<400> 44

tgtcaccaca ttacatactt acc

23

<210> 45

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G139
4C

<400> 45

tgtcaccaca ttacatactt acc

23

<210> 46

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G139
4A

<400> 46
tgccaccaca ttacatactt acc

23

<210> 47

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G139
4A

<400> 47
tgccaccaca ttacatactt acc

23

<210> 48

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G140
3C

<400> 48
tgccaccaca ttacatactt acc

23

<210> 49

<211> 23

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G140
3A

<400> 49
tgtcaccaca ttacatactt acc

23

<210> 50

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation G
1753A

<400> 50
gactttctag taactcagca g

21

<210> 51

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation T178
2G

<400> 51
gactttctag taactcagca g

21

<210> 52

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation G178
3C

<400> 52

gactttctag taactcagca g

21

<210> 53

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation C178
6G

<400> 53

gactttctag taactcagca g

21

<210> 54

<211> 21

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> second primer oligonucleotide segment for the B-RAF mutation T178
7G

<400> 54

gactttctag taactcagca g

21

<210> 55

32701.ST25.txt

<211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> misc_feature
 <223> second primer oligonucleotide segment for the B-RAF mutation T179
 6A

<400> 55
 gactttctag taactcagca g 21

<210> 56
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> misc_feature
 <223> second primer oligonucleotide segment for the B-RAF mutation TG17
 96-97AT

<400> 56
 gactttctag taactcagca g 21

<210> 57
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 1796-97A

<400> 57
 ggacccactc catcgagatt tct 23

<210> 58
 <211> 21
 <212> DNA
 <213> Artificial

 <220>
 <221> misc_feature
 <223> second primer oligonucleotide segment for the B-RAF mutation T179
 6-97A

<400> 58
 cataatgctt gctctgatag g 21

<210> 59
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 1796-97A

<400> 59
 gacccactcc atcgagattt ct 22

<210> 60
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> misc_feature
 <223> detection primer oligonucleotide segment for the B-RAF mutation T
 1796-97A

<400> 60

accactcca tcgagatttc t

21

<210> 61

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1796-97A

<400> 61

cccactccat cgagatttct

20

<210> 62

<211> 19

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> detection primer oligonucleotide segment for the B-RAF mutation T
1796-97A

<400> 62

ccactccatc gagatttct

19